Form PTO-1449 (REV. 8-83)	US Dept. of Commerce PATENT & TRADEMARK OFFICE	ATTY DOCKET NO. 103589	APPLICATION NO. 09/393,962
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANT(S) Lester D. Nelson et al.	
		FILING DATE September 10, 1999	GROUP 2774

OIPE JC73 NOV 29 1999 PATENT & TRADEMARK OFFICE

RECEIVED NOV 30 1999 Group 2700

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
LDT		5,001,696	03/91	BALDWIN	434	305
|		4,994,987	02/91	BALDWIN	365	244
|		5,331,547	07/94	LASZLO	705	2
|		5,874,724	02/99	CATO	235	492

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

LDT		"Tangible Bits: Towards Seamless Interfaces Between People, Bits, and Atoms", H. Ishii et al., Chi'97, 22-27 March 1997
|		"Bridging the Paper and Electronic Worlds: The Paper User Interface", W. Johnson et al., INTERCHI '93, 24-29 April 1993
|		"Insight Lab: An Immersive Team Environment Linking Paper, Displays, and Data", B. Lange et al., CHI '98, 18-23 April 1998
|		"Telerobotic Control Using Augmented Reality", P. Milgram et al., IEEE International Workshop on Robot and Human Communication, 1995

EXAMINER	DATE CONSIDERED
Jay D Jaffe	11/18/00

Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 (REV. 8-83)	US Dept. of Commerce PATENT & TRADEMARK OFFICE	ATTY DOCKET NO. 103589	APPLICATION NO. 09/393,962
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANT(S) Lester D. NELSON et al.	
		FILING DATE September 10, 1999	GROUP 2700

OIPE NOV 29 1999 PATENT & TRADEMARK OFFICE

RECEIVED NOV 30 1999 GROUP 2700

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

LDT		"Triangles: Tangible Interface for Manipulation and Exploration of Digital Information Topography", M. Gorbet et al., Proceedings of CHI'98, ACM Press, April 1998
		"Squeeze Me, Hold Me, Tilt Me! An Exploration of Manipulative User Interfaces", B. Harrison et al., CHI '98, 18-23 April 1993
		"A Model of the Acquisition of Menu Knowledge by Exploration, A. Howes, CHI '94
		"Passive Real-World Interface Props for Neurosurgical Visualization", K. Hinckley et al., CHI '94

EXAMINER	Larry D Jackson	DATE CONSIDERED 11/18/00

Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 (REV. 8-83)	US Dept. of Commerce PATENT & TRADEMARK OFFICE	ATTY DOCKET NO. 103589	APPLICATION NO. 09/393,962
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANT(S) Lester D NELSON et al.	
		FILING DATE September 10, 1999	GROUP 2700

OIPE JC73 NOV 29 1999 PATENT & TRADEMARK OFFICE

RECEIVED NOV 30 1999 Group 2700

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

LDT		"Liveboard: A Large Interactive Display Supporting Group Meetings, Presentations and Remote Collaboration", S. Elrod et al., CHI '92, Human Factors in Computing Systems, ACM Press, pp. 599-607, Monterey
		"Bricks: Laying the Foundations for Graspable User Interfaces", G. Fitzmaurice et al., Proceedings of CHI '95, pp. 422-449, 1995
		"Situated Information Spaces and Spatially Aware Palmtop Computers", G. Fitzmaurice, CACM, 36(7), pp. 38-49, July 1993
		"Triangles: Design of a Physical/Digital Construction Kit", M. Gorbet et al., Proceedings of DIS '97, March 1997

EXAMINER	Lynn D Feild	DATE CONSIDERED 11/18/00

Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 (REV. 8-83)	US Dept. of Commerce PATENT & TRADEMARK OFFICE	ATTY DOCKET NO. 103589	APPLICATION NO. 09/393,962
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANT(S) Lester D. NELSON et al.	
		FILING DATE September 10, 1999	GROUP 2774

PE JC73 NOV 29 1999 PATENT & TRADEMARK OFFICE

RECEIVED NOV 30 1999 Group 2700

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

LDT		"Tilting Operations for Small Screen Interfaces (Tech Note)", J. Rekimoto, UIST '96
		"Alternative Human-Web Interaction Systems", R. Schlosser et al., http://ils.unc.edu/alternative/alternative.html
		"Design of Spatially Aware Graspable Displays", D. Small et al., Extended Abstracts of CHI '97, 22-27 March 1997
		"An Overview of the Parc Tab Ubiquitous Computing Experiment", R. Want et al., IEEE Personal Communications, December 1995

EXAMINER	Larry D Hall	DATE CONSIDERED	11/18/00

Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 (REV. 8-83)	US Dept. of Commerce PATENT & TRADEMARK OFFICE	ATTY DOCKET NO. 103589	APPLICATION NO. 09/393,962
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANT(S) Lester D. NELSON et al.	
		FILING DATE September 10, 1999	GROUP 2700

OIPE JC73 NOV 29 1999 PATENT & TRADEMARK OFFICE

RECEIVED NOV 30 1999 GROUP 2700

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

LDT		"The Computer for the 21st Century", M. Weiser, Scientific American, September 1991
		"Computer-Augmented Environments: Back to the Real World", P. Weliner et al., Communications of the ACM, vol. 36, no. 7, July 1993
		"Video Mosaic: Laying Out Time in a Physical Space", Wendy E. Mackay et al., Multimedia 94, pp. 165-172, October 1994
		"Dual Device User Interface Design: PDAs and Interactive Television", Scott Robertson et al., INTERCHI '96, pp. 79-86, 13-18 April 1996

EXAMINER	Lynn D Feild	DATE CONSIDERED 11/18/00

Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 (REV. 8-83)	US Dept. of Commerce PATENT & TRADEMARK OFFICE	ATTY DOCKET NO. 103589	APPLICATION NO. 09/393,962
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANT(S) Lester D. NELSON et al.	
		FILING DATE September 10, 1999	GROUP 2704

OIPE JC73 NOV 29 1999 PATENT & TRADEMARK OFFICE

RECEIVED NOV 30 1999 Group 2700

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

LDT		"Supporting Dynamic Downloadable Appearances in an Extensible User Interface Toolkit", Scott E. Hudson et al., UIST 97 Banff, pp. 159-168, 1997
		"PaperLink: A Technique of Hyperlinking from Real Paper to Electronic Content", Toshifumi Arai et al., INTERCHI '97, pp. 327-344, 22-27 March 1997
		"Collaboration Using Multiple PDAs Connected to a PC", Brad A. Myers et al., CSCW 98, pp. 285-294, 1998
		"Illuminating Light: An Optical Design Tool with a Luminous-Tangible Interface", John Underkoffer et al., Proceedings of CHI '98, pp. 1-8, 18-23 April 1998

EXAMINER	DATE CONSIDERED
Lay D Ngo	11/18/00

Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 (REV. 8-83)	US Dept. of Commerce PATENT & TRADEMARK OFFICE	ATTY DOCKET NO. 103589	APPLICATION NO. 09/393,962
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANT(S) Lester D. NELSON et al.	
		FILING DATE September 10, 1999	GROUP 2874

OIPE JC73 NOV 29 1999 PATENT & TRADEMARK OFFICE

RECEIVED NOV 30 1999 Group 2800

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

LDT		"Bridging Physical and Virtual Worlds with Electronic Tags", Roy Want et al., INTERCHI '99, pp. 370-377, 15-20 May 1999
		"PaperClipX - Summer Intern", Tomas Sokoler, http://intern99-1.pal.xerox.com:80/PaperClipX, pp. 1-2, 24 June 1999
		"BiStatix Whitepaper", BiStatix Technology, http://www.mot.com/LMPS/Indala/bistatix.htm, pp. 1-9, 31 August 1999
		Indala's Proximity Access Field Programming", BiStatix Technology, http://www.mot.com/LMPS/Indala/motrelease.html#bistatix, pp. 1-4, 31 August 1999

EXAMINER	DATE CONSIDERED
Lary D Jones	11/18/00

Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 (REV. 8-83)	US Dept. of Commerce PATENT & TRADEMARK OFFICE	ATTY DOCKET NO. 103589	APPLICATION NO. 09/393,962
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANT(S) Lester D. NELSON et al.	
		FILING DATE September 10, 1999	GROUP 2774

OIPE JC13 NOV 29 1999 PATENT & TRADEMARK OFFICE

RECEIVED NOV 30 1999 Group 2700

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

LDT		"Palette: A Paper Interface for Giving Presentations", Les Nelson et al., Proceeding of the CHI 99 Conference on Human Factors in Computing Systems, pp. 1-8, May 1999

EXAMINER	DATE CONSIDERED
Lawrence D. Tynan	11/18/00

Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.